

**Q.P. Code: 302389**

**Reg. No.:.....**

**Third Semester M.Sc. Audiology Degree Regular/Supplementary  
Examinations September 2024**

**A 302: Electrophysiological Assessment**

**Time: 3 hrs**

**Max marks: 80**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(5x16=80)**

1. What is the need for recording auditory evoked potentials in a clinical setup.  
Briefly explain the importance of common-mode rejection in the acquisition of auditory evoked potentials (8+8)
2. Explain in detail the acquisition, analysis and clinical application of ASSR. (3+8+5)
3. What is the implication of auditory brainstem response. Write the factors affecting the auditory brainstem response. (10+6)
4. Short notes
  - a) Frequency following response
  - b) Acoustic change complex
  - c) Stacked ABR
  - d) Post Auricular muscle response (4+4+4+4)
5. What is the purpose of intraoperative monitoring. How the electrophysiological procedure be modified in intraoperative environment compared to conventional recording in clinics (6+10)

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